

**Tronox Mine Sites R6/R9
Highways 509 and 605
Cibola and McKinley Counties, New Mexico
Daily Report**



Date: August 28, 2015

Team:

Derrick Cobb
Yellow Jacket Drilling

Health and Safety:

1. Weston team safety topics included physical hazards including slips, trips, falls, and dehydration. Team communication and utilizing a spotter for rig and support truck location placement was discussed.

Activities Completed:

1. A total of 50 feet was drilled today (total depth – 286 feet bgs.) Below are boring details:
 - a. Alluvial – 0 – 74 feet bgs.
 - b. Mancos Shale – 74 – 79 Feet bgs.
 - c. 9-inch Conductor Casing installed to a depth of 78 feet bgs.
 - d. Tres Hermanos – 79 – 119 feet bgs.
 - e. Mancos Shale – 119 – 166 feet bgs.
 - f. Tres Hermanos – 166 – 236.
 - g. Mancos Shale – 236 – 286. The Mancos Shale was interbedded with silt and fine grained sand.
2. Circulation was lost while trying to drill and sample from 286 – 296. All drilling fluids were lost. Drilling operations were suspended at this time. Upon further review of historical mining operation maps there is concern with continuing advancing the boring deeper at this time. The team (EPA and Weston) will continue to gather data and make a decision on the future of the boring.

Planned Activities for August 29, 2015:

1. Demobe equipment from NKD-03. Secure the borehole and drilling fluid pit. Weston/Yellow Jacket will secure the borehole with a 5-gallon bucket to ensure nothing can fall into the borehole. Fencing will be installed around the entire work area to protect the area from livestock/animals.
2. Mobilize to NKD-04.

Schedule:

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1. Drilling NKD-04 will take the remainder of this drilling rotation
2. Crew is schedule to demobilize on September 2nd. The next rotation is scheduled to begin on September 9th..

Open Items:

1. (b) (6) requested that we sample three of her other wells.
2. Weston will need to need to coordinate sampling Rio Algom wells MW-35-9 and MW35-9. Due to miscommunication these wells were sampled ahead of the originally \proposed schedule. MW35-9 and MW35-9 are scheduled to be sampled again in November by Rio Algom. Weston will plan to collect groundwater samples at this time.